

Converting Colors

YUV(147.7640, -46.2257,
-60.3060)

Have a look what the booklet for
YUV(147.7640, -46.2257, -60.3060)
contains.

YUV(147.7640, -46.2257, -60.3060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.7640, -46.2257,
-60.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC936
RGB	79, 201, 54
RGB Percent	31%, 79%, 21%
CMY	0.6902, 0.2118, 0.7882
CMYK	0.61, 0.00, 0.73, 0.21
HSL	110°, 58%, 50%
HSV	110°, 73%, 79%
XYZ	24.7769, 43.7019, 10.6195
YIQ	147.7640, -25.5250, -71.5810

Conversions

Conversions Part 2

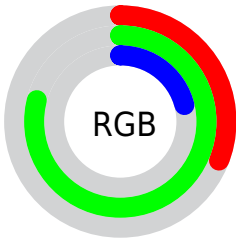
Format	Color
RYB	54, 201, 176
Decimal	5228854
CIELab	72.03, -60.03, 59.71
CIELCh	72, 84.672, 135.152
Yxy	43.7019, 0.3132, 0.5525
Android (android.graphics.Color)	4283418934 (0xFF4FC936)
YUV	147.7640, -46.2257, -60.3060
Hunter-Lab	66.1074, -48.7865, 36.7509

Details

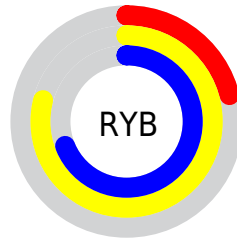
The YUV color **147.7640, -46.2257, -60.3060** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **107.2360, 46.2257, 60.3060**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3840, -46.5313, -55.5878**, and **85.7020, -42.2511, -75.1607** is the 20% darker color. If you saturate the color by 10%, you get **140.4010, -52.4557, -68.7577**, and if you desaturate by 10%, it is **155.1270, -39.9956, -51.8544**.

Distribution



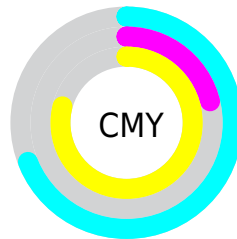
- Red (31%)
- Green (79%)
- Blue (21%)



- Red (21%)
- Yellow (79%)
- Blue (69%)



- Cyan (61%)
- Magenta (0%)
- Yellow (73%)
- Black (21%)



- Cyan (69%)
- Magenta (21%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.7640, -46.2257, -60.3060 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 147.7640, -46.2257, -60.3060 by changing the saturation by 10% instead.

■ 147.7640,
-46.2257, -60.3060

■ 147.7640,
-46.2257, -60.3060

■ 255.0000, 0.0000,
0.0000

■ 116.3890,
-47.5198, -65.2392

■ 204.3840,
-46.5313, -55.5878

■ 85.7020, -42.2511,
-75.1607

■ 216.4320,
-39.1600, -39.8439

■ 69.8530, -34.4375,
-61.2611

■ 228.5940,
-31.3518, -24.1999

■ 54.5910, -26.9134,
-47.8763

■ 240.7560,
-23.5437, -8.5560

■ 39.9160, -19.6786,
-35.0063

■ 251.2380,
-14.4143, 3.2993

■ 26.4150, -13.0226,
-23.1660

■ 254.6580, -1.3104,

■ 8.2180, -4.0515,

0.2999

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 147.7640,
-46.2257, -60.3060

■ 147.7640,
-46.2257, -60.3060

■ 140.4010,
-52.4557, -68.7577

■ 155.1270,
-39.9956, -51.8544

■ 133.3370,
-58.8331, -76.5945

■ 162.1910,
-33.6182, -44.0175

■ 128.1530,
-63.1794, -82.5722

■ 169.5540,
-27.3881, -35.5659

■ 176.9170,
-21.1581, -27.1142

■ 184.0950,
-14.3438, -19.3773

■ 191.4580, -8.1138,
-10.9257

■ 198.8210, -1.8838,
-2.4740

■ 205.8850, 4.4937,
5.3629

■ 213.2480, 10.7237,
13.8145

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160.9200, -79.3336, 12.3482



147.7640, -46.2257, -60.3060



137.9590, -1.9518, -120.9900

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



147.7640, -46.2257, -60.3060



144.1220, 54.6629, -126.3950



146.9100, -2.9136, 94.7949

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



147.7640, -46.2257, -60.3060



107.2360, 46.2257, 60.3060

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



159.7970, 28.6941, 83.4930



147.7640, -46.2257, -60.3060



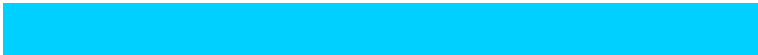
150.6650, 51.4372, -71.6202

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



147.7640, -46.2257, -60.3060



151.1660, 51.1902, -132.5726



177.0740, 38.4175, 44.6621



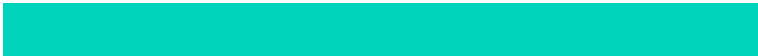
156.7850, -43.7710, 86.1346

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



147.7640, -46.2257, -60.3060



145.2890, 21.0565, -127.4185



177.0740, 38.4175, 44.6621



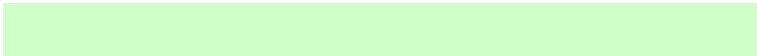
148.1130, 9.3113, 93.7399

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



147.7640, -46.2257, -60.3060



234.5630, -17.5326, -23.2958



168.3930, -56.3957, 28.5963



115.7520, -10.7237, -13.8145



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



147.7640, -46.2257, -60.3060



173.8500, -70.4250, -91.9534



145.6470, -22.0110, -80.3744



95.5820, -2.7519, -4.0184



104.0530, -51.2981, -66.6985



22.9260, -11.3025, -14.8441

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



107.2360, 46.2257, 60.3060



112.1500, 70.4250, 91.9534



109.3530, 22.0110, 80.3744



93.4180, 2.7519, 4.0184



58.9470, 51.2981, 66.6985



13.0740, 11.3025, 14.8441

Previews

White Background



This preview shows how the YUV color 147.7640, -46.2257, -60.3060 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 147.7640, -46.2257, -60.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.7640, -46.2257, -60.3060 Background



This preview shows how black text looks on a background with the YUV color 147.7640, -46.2257, -60.3060.



This preview shows how white text looks on a background with the YUV color 147.7640, -46.2257, -60.3060.

-60.3060.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

147.7640, -46.2257, -60.3060

Protanopia

167.5730, -59.4425, 25.8075

Deuteranopia

170.2620, -50.9082, 41.8662



Tritanopia

166.6870, 17.9023, -48.8375

Trichromacy



Original Color

147.7640, -46.2257, -60.3060



Protanomaly

160.3410, -54.3981, -5.5611



Deuteranomaly

162.0740, -49.3365, 4.3201



Tritanomaly

159.8780, -5.3629, -53.3900

Monochromacy



Original Color

147.7640, -46.2257, -60.3060



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.8020, -16.6644, -21.7514

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7640, -46.2257, -60.3060 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(79, 201, 54)` looks like.

```
.text, #text, p{  
    color:rgb(79, 201, 54)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(79, 201, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 201, 54) }
```

Border

The CSS property to change the border of an element to YUV 147.7640, -46.2257, -60.3060 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 201, 54) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(79, 201, 54) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(79, 201, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 201, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 201, 54);  
box-shadow:4px 4px 4px 4px rgb(79, 201,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 147.7640, -46.2257, -60.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 201, 54) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(79, 201,  
54) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor